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Box 150

I hereby certify that this correspondence is being deposited with the U.S. Postal Service as Express Mail, Airbill No. ET575269276US, in an envelope addressed to: Box Sequence, U.S. Patent and Trademark Office, P. O. Box 2327, Arlington, VA 22202, on the date shown below.

Date: December 5, 2001

Signature: *Melissa L. Sistrunk*

(Melissa L. Sistrunk)

Docket No.: HO-P01899US2
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Re Patent Application of:

Huda Y. Zoghbi

Application No.: 09/585,645

Filed: June 1, 2000

For: COMPOSITIONS AND METHODS FOR THE
THERAPEUTIC USE OF AN ATONAL-
ASSOCIATED SEQUENCE FOR DEAFNESS,
OSTEOARTHRITIS AND ABNORMAL CELL
PROLIFERATION

Group Art Unit: 1633

Examiner: C. Qian

**RESPONSE TO NOTICE TO COMPLY WITH REQUIREMENTS
FOR PATENT APPLICATION CONTAINING NUCLEOTIDE
SEQUENCE AND/OR AMINO ACID SEQUENCE DISCLOSURES**

Box Sequence

Commissioner for Patents
P.O. Box 2327
Arlington, VA 22202

Dear Sir:

This is in response to the Notice To Comply With Requirements For Patent Applications Containing Nucleotide Sequence and/or Amino Acid Sequence Disclosures, dated November 19, 2001. Applicants are submitting their response herewith within the 30-day response period set to expire on December 19, 2001.

Applicants respectfully request the entry of the present statement in regard to the enclosed sequence listing in the above-referenced application.

The submitted materials include a substitute computer readable form and a substitute paper copy of the sequence listing.

Applicants state the information recorded in the computer readable form of the sequence listing is identical to the written sequence listing.

Applicants also state that the submission does not include new matter.

Applicants respectfully request the above-referenced patent application be placed upon the files for examination.

Applicants believe no fee is due with this response. However, if a fee is due, please charge our Deposit Account No. 06-2375, under Order No. 09906355 from which the undersigned is authorized to draw.

Dated: December 5, 2001

Respectfully submitted,

By Melissa L. Sistrunk
Melissa L. Sistrunk

Registration No.: 45,579
FULBRIGHT & JAWORSKI L.L.P.
1301 McKinney, Suite 5100
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(713) 651-3735
Agent for Applicant

MAIL DATE CANCELLED

Application No.: 09/585645

NOTICE TO COMPLY WITH REQUIREMENTS FOR PATENT APPLICATIONS CONTAINING
NUCLEOTIDE SEQUENCE AND/OR AMINO ACID SEQUENCE DISCLOSURES

Applicant must file the items indicated below within the time period set the Office action to which the Notice is attached to avoid abandonment under 35 U.S.C. § 133 (extensions of time may be obtained under the provisions of 37 CFR 1.136(a)).

The nucleotide and/or amino acid sequence disclosure contained in this application does not comply with the requirements for such a disclosure as set forth in 37 C.F.R. 1.821 - 1.825 for the following reason(s):



- ☒ 1. This application clearly fails to comply with the requirements of 37 C.F.R. 1.821-1.825. Applicant's attention is directed to the final rulemaking notice published at 55 FR 18230 (May 1, 1990), and 1114 OG 29 (May 15, 1990). If the effective filing date is on or after July 1, 1998, see the final rulemaking notice published at 63 FR 29620 (June 1, 1998) and 1211 OG 82 (June 23, 1998).
- ☒ 2. This application does not contain, as a separate part of the disclosure on paper copy, a "Sequence Listing" as required by 37 C.F.R. 1.821(c).
- ☒ 3. A copy of the "Sequence Listing" in computer readable form has not been submitted as required by 37 C.F.R. 1.821(e).
- ☐ 4. A copy of the "Sequence Listing" in computer readable form has been submitted. However, the content of the computer readable form does not comply with the requirements of 37 C.F.R. 1.822 and/or 1.823, as indicated on the attached copy of the marked -up "Raw Sequence Listing."
- ☐ 5. The computer readable form that has been filed with this application has been found to be damaged and/or unreadable as indicated on the attached CRF Diskette Problem Report. A Substitute computer readable form must be submitted as required by 37 C.F.R. 1.825(d).
- ☐ 6. The paper copy of the "Sequence Listing" is not the same as the computer readable form of the "Sequence Listing" as required by 37 C.F.R. 1.821(e).
- ☐ 7. Other: _____

Applicant Must Provide:

- ☒ An initial or substitute computer readable form (CRF) copy of the "Sequence Listing".
- ☒ An initial or substitute paper copy of the "Sequence Listing", as well as an amendment directing its entry into the specification.
- ☒ A statement that the content of the paper and computer readable copies are the same and, where applicable, include no new matter, as required by 37 C.F.R. 1.821(e) or 1.821(f) or 1.821(g) or 1.825(b) or 1.825(d).

For questions regarding compliance to these requirements, please contact:

For Rules Interpretation, call (703) 308-4216

For CRF Submission Help, call (703) 308-4212

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